

Amendments to the Drawings:

The attached replacement drawing sheets make changes to Figs. 8, 11 and 13-18 and replace the original sheets with Figs. 7, 8 and 11-18.

Attachment: Replacement Sheets (5)

REMARKS

Claims 1-3 are pending. Claims 1 and 2 are amended. In addition, the specification is amended to correct minor informalities found therein and to incorporate the amendments made in the parent application.

Further, the drawings are amended to label Figs. 13-18 with the label "Related Art" in response to paragraph 2, on page 3 of the Office Action. The term "Related Art" is used as the Figures are described in the Description of the Related Art. Figures 13 and 14, in particular, are described as being a proposed apparatus. Further, Fig. 8 is corrected to portray the reference numbers as described in the specification on, for example, page 16, lines 10-21. Fig. 11 is amended to show the warning unit which is claimed in claim 1. The functionality is described at the bottom of page 21 and carrying over at the top of page 22 which has also been amended to reflect the drawing, thereby making the figure, specification and claim consistent.

It is respectfully requested that the Supplemental Information Disclosure Statement filed January 5, 2005, subsequent to issuance of the Office Action, be considered and an initialed Form PTO-1449 be provided Applicants in the next communication from the Patent Office.

In paragraph 1, on page 2 of the Office Action, the drawings were objected to as not showing "a control unit for processing image to control the movement of another vehicle" and "a warning unit ... transmitting a warning signal to a user of another vehicle." As noted above, the warning unit has been added to Fig. 11. As to controlling the movement of another vehicle, such language has been removed from claim 1. The control unit has been amended to address processing the image to enable the vehicle operator to control the movement of the vehicle based on the displayed image. Such language is supported by, for example, page 2, lines 3-10 and page 8, lines 15-20, as well as the overall discussion of the

specification which indicates the invention as intended to give an operator a view to the left and right of the vehicle, particularly when approaching or entering an intersection, that may not be available to the operator sitting to the rear of the front of the vehicle.

In paragraph 4, on page 3 of the Office Action, claims 1-3 were rejected under 35 U.S.C. §112, first paragraph as failing to comply with the enablement requirement. The specific language cited was the same as that cited to object to the drawings. As noted, claim 1 has been amended to remove the language dealing with controlling the movement of another vehicle. Further, Applicants pointed out that both the specification and Figure 11 have been amended to show the "warning unit". The warning unit is shown in block as the warning is provided to the approaching vehicle using any of a buzzer, voice, radio wave, light, ultrasonic wave, or the like as found at end of page 21 and carrying over to page 22 of the specification as filed. As such, a warning unit of some sort is inherent in the vehicle, and thus the addition of such to the specification in such general terms is not new matter. Further, to those skilled in the art it would not be difficult to create transmitter or sound devices that would be linked to and controlled by the control unit.

In paragraph 6, on page 4 of the Office Action, claims 1-3 were rejected under 35 U.S.C. §103(a) being unpatentable over Salvio et al., U.S. Patent No. 5,619,036 (Salvio) in view of Simpkin, U.S. Patent No. 3,784,970. The rejection is respectfully traversed.

Applicants' invention of claim 1 calls for an apparatus for watching around a vehicle, the apparatus mounted thereon, the apparatus comprising an image pick-up unit for picking up an image to a left side and a right side of the vehicle, the image pick-up unit fitted to an opening of a grille formed outside a vehicle radiator with respect to a vehicle operator, a portion of the image pick-up unit extending beyond the grill; a display unit for displaying the image, the display unit provided in the vehicle; a control unit for processing the image to enable the vehicle operator to control the movement of the vehicle based on the displayed

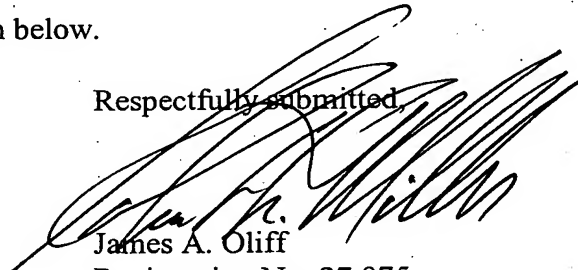
image; and a warning unit coupled to the control unit and transmitting a warning signal to a user of another vehicle. The rejection is respectfully traversed.

Simpkin is only applied for disclosing a vehicle warning system. Salvio, on the other hand, discloses a night vision camera for vehicles and the mounting thereof. Specifically, Salvio shows a device oriented strictly to the front of the vehicle, not the left and right sides, that allows the individual to see at an increased distance at night by use of infrared technology. Specifically, he is most concerned with the drivers driving at speeds that outdrive the range of vision afforded by illumination using their headlights (col. 1, lines 18-26). To implement his device, he mounts a camera in the front of the vehicle, but behind the grille (col. 2, lines 35-43). The light that is detected enters through a window 18 which can be seen in Fig. 2 as being well within the interior of the vehicle and well behind the grille. Thus, the only direction of view is forwardly through the grille. As such, Salvio does not suggest an image pick-up unit for picking up an image to a left side and a right side at the front of the vehicle that is fitted to an opening of a grille formed outside a vehicle radiator. Further, he clearly does not have a portion of the image pick-up unit extending beyond the grille. Because Simpkin does not add anything to the vision device of Salvio, the combination cannot possibly suggest the claimed invention.

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 1-3 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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Attachment:
Replacement Sheets

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